

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CE41S61390418

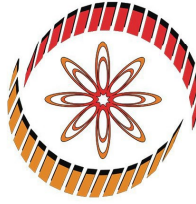
To  
AKKINA HARITHA  
SRI SAI RESIDENCY, FLAT NO.101,APHB  
COLONY, SATRAMPADU  
ELURU  
WEST GODAVARI  
ANDHRA PRADESH  
534007  
PH.-NO:-8179994429

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



### No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKKINA HARITHA**

for successfully completing the course

## Remote Sensing and GIS

with a consolidated score of **44** %

Online Assignments	12.08/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: **218**

Aug-Oct 2019  
(8 week course)

**Prof. Hemant B Kaushik**  
Head, Centre for Educational Technology  
& NPTEL Coordinator  
IIT Guwahati



Indian Institute of Technology Guwahati



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Roll No: NPTEL20EE38S1899095

To  
DUDDUPUDI MADHAVI  
D.NO.2223, NEAR GAMINI TEX TILES,  
RAMALAYAM SIDE STREET  
KARRAVARI SAVARAM  
WEST GODAVARI  
ANDHRA PRADESH - 534216  
PH. NO :6303685109



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DUDDUPUDI MADHAVI**  
for passing the course

**Electrical Machines - II**

with Score\* 90 %



*A. Goswami*

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>

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Roll No: NPTEL20DE06S12360000

To  
SEETHALA GOWTHAMI  
12-2-1/1, NEW BANK COLONY,  
ADJACENT TO OLD BELAM MARKET  
TANUKU  
WEST GODAVARI  
ANDHRA PRADESH - 534211  
PH. NO : 8317520600



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SEETHALA GOWTHAMI**  
for successfully completing the course

### Fundamentals of Automotive Systems

with a consolidated score of **69** %

Online Assignments	23.06/25	Proctored Exam	45.75/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 131

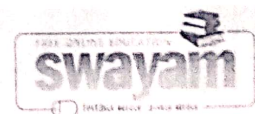
Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20DE06S12360000

To validate and check scores: <https://nptel.ac.in/noc>

19A85A0214  
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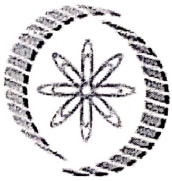
Roll No: NPTEL20EE39S1671622

To  
EDUBILLI BHARGAVA RAJA  
D NO 4175A VELAMAPETA  
PENTAPADU  
WEST GODAVARI  
ANDHRA PRADESH - 534166  
PH. NO :8500944589



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**EDUBILLI BHARGAVA RAJA**

for passing the course

**Power System Engineering**

with Score\* 49 %



*A. Goswami*

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur





05/31/2020

**bandhakavi Nrusimha Satya  
dattamoudgalya**

has successfully completed

**Programming for Everybody (Getting Started with  
Python)**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3AWKRUGQR3UY](https://coursera.org/verify/3AWKRUGQR3UY)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS0851658578  
To: N. SWATHI SRI  
UNDAKALA VILAS STREET KALDA PAO PETA  
INDURALLIGUDA  
WEST GODAVARI  
ANDHRA PRADESH 515101  
Ph. NO. 989422204



No. of credits recommended by NPTEL: 3  
As additional credits may be awarded by the University deemed fit, based on the actual student effort involved.



# NPTEL Online Certification

(Approved by the Ministry of HOD, Govt. of India)



This certificate is awarded to

**N. SWATHI SRI**

for passing the course

**Programming in Java**

with Score: **87 %**



**A. G. S. W. A. M. I.**

Jan-Apr 2020  
(12 weeks course)

**Prd. Anant Gowam**  
Coordinator, Institute for NPTEL  
17/1/2020



Continuous online assessment score

To include and find score, refer link as above



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS46S12020107

To  
BHAVANI POSIMSETTY  
2-24  
RAJULA VARI VEEDHI  
ADAVIKOLANU  
WEST GODAVARI  
ANDHRA PRADESH  
534198  
PH. NO: 9491223743



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BHAVANI POSIMSETTY**  
for successfully completing the course

**Data Base Management System**

with a consolidated score of **80** %

Online Assignments	21.67/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 3475

**A. Goswami**

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jul-Sep 2019  
(8 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS46S12020107

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS46S12020105  
To  
PEDAMALLU KANYAKA ALEKYA  
34-18-5/1, F F 1, SRI SAI SUNITHA  
APARTMENT, VANKA VARI STREET, BESIDE SAI  
SCHOOL.  
TANUKU  
WEST GODAVARI  
ANDHRA PRADESH  
534211  
PH. NO : 9291276982

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL: 2  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PEDAMALLU KANYAKA ALEKYA**  
for successfully completing the course  
**Data Base Management System**



with a consolidated score of **80** %

Online Assignments	21.67/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 3475

Jul-Sep 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

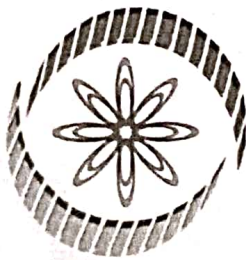


Roll No: NPTEL19CS46S12020105

To validate and check scores: <https://nptel.ac.in/noc>

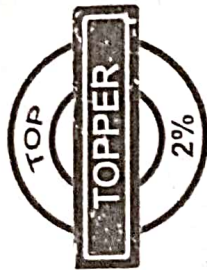


**Elite**



# NPTEL Online Certification

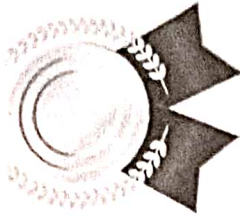
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**REDDY AKANKSHA**

for successfully completing the course



## Data Base Management System

with a consolidated score of **89** %

Online Assignments	21.67/25	Proctored Exam	67.5/75
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Total number of candidates certified in this course: 3475

**A. G O S H A M I**

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jul-Sep 2019  
(8 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS46S12020109

To validate and check scores: <https://nptel.ac.in/noc>



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GOTETI B S Y VASUDEVA RAO**

for successfully completing the course

## Data Base Management System

with a consolidated score of **72** %

Online Assignments	20.63/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 3475

**A. G O S H A M V**

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jul-Sep 2019

(8 week course)

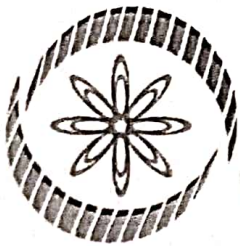


Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS46S12020103

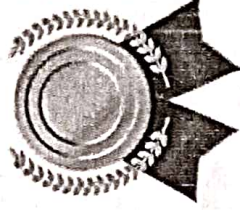
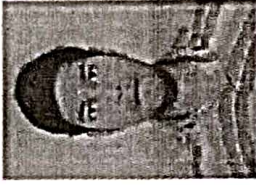
To Validate and check scores: <https://nptel.ac.in/hoc>



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GOTETI B S Y VASUDEVA RAO**

for successfully completing the course

## The Joy of Computing Using Python

with a consolidated score of **85** %

Online Assignments	23.25/25	Programming Exam	25/25	Proctored Exam	37/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 8505

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairman  
Centre for Continuing Education, IITM

Jul-Oct 2019  
(12 week course)

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S51160079

To validate and check scores: <https://nptel.ac.in/noc>

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Roll No: NPTEL19CS59S42310448

To  
POSIMSETTY BHAVANI  
2-24  
ADAVIKOLANU  
WEST GODAVARI  
ANDHRA PRADESH  
534198  
PH. NO :9491223743



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**POSIMSETTY BHAVANI**  
for successfully completing the course

**Python for Data Science**

with a consolidated score of **62** %

Online Assignments	21.5/25	Programming Exam	18.25/25	Proctored Exam	21.94/50
--------------------	---------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 4426

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education IITM

Aug-Sep 2019  
(4 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras




Indian Institute of Technology Madras



To validate and check scores: <https://nptel.ac.in/noc>

Roll No: NPTEL19CS59S42310448

  
 Roll No: NPTEL19CS59S42310290  
 To  
 PEDAMALLU KANYAKA ALEKYA  
 34-18-5/1, SRI SAI SUNITHA  
 APARTMENT, VANKA VARI STREET, BESIDE SAI  
 SCHOOL  
 TANUKU  
 WEST GODAVARI  
 ANDHRA PRADESH  
 534211  
 PH. NO : 9291276982

Score	Type of Certificate
>=90	Elite+Gold
76-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



**No. of credits recommended by NPTEL:1**

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PEDAMALLU KANYAKA ALEKYA**  
for successfully completing the course

**Python for Data Science**

with a consolidated score of **59** %

Online Assignments	21.25/25	Programming Exam	15/25	Proctored Exam	22.96/50
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Total number of candidates certified in this course: 4426

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Aug-Sep 2019**  
(4 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL19CS59S31160067

To  
VEERAVALLY LAKSHYA  
DOOR NO-1-23, MARIVAADAVARI  
STREET, NEGGIPUDI  
MARTERU  
WEST GODAVARI  
ANDHRA PRADESH  
534122  
PH-NO-7330793139

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VEERAVALLY LAKSHYA**  
for successfully completing the course

**Python for Data Science**

with a consolidated score of **54** %

Online Assignments	19/25	Programming Exam	11.75/25	Proctored Exam	23.5/50
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Total number of candidates certified in this course: 4426

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Aug-Sep 2019  
(4 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



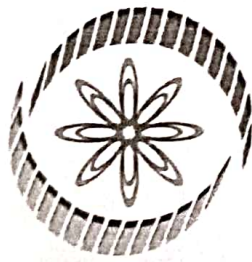
Indian Institute of Technology Madras



Roll No: NPTEL19CS59S31160067

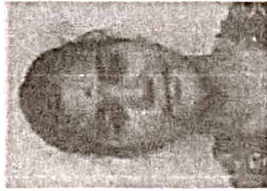
To validate and check scores: <https://nptel.ac.in/noc>

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**REDDY AKANKSHA**

for successfully completing the course

## Python for Data Science

with a consolidated score of **72** %

Online Assignments	21.25/25	Programming Exam	18.25/25	Proctored Exam	32.66/50
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Total number of candidates certified in this course: 4426

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairman  
Centre for Continuing Education, IITM



Indian Institute of Technology Madras

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

*Andrew Thangaraj*



Roll No: NPTEL19CS59S42310424

To validate and check scores: <https://nptel.ac.in/noc>

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Roll No: NPTEL19C559531160067

To  
VEERAVALLY LAKSHYA  
DOOR NO-1-23, MARIVAADAVARI  
STREET, NEGGIPUDI  
MARTERU  
WEST GODAVARI  
ANDHRA PRADESH  
534122  
PH. NO (7330793129)



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VEERAVALLY LAKSHYA**  
for successfully completing the course

**Python for Data Science**

with a consolidated score of **54** %

Online Assignments	19/25	Programming Exam	11.75/25	Proctored Exam	23.5/50
--------------------	-------	------------------	----------	----------------	---------

Total number of candidates certified in this course: 4426

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Aug-Sep 2019  
(4 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19C559531160067

To validate and check scores: <https://nptel.ac.in/noc>



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Roll No: NPTEL19CS59S42310328

To  
DAMISETTI DEEPIKA NAGA RATNAM  
11-162/1, PARK STREET  
ATTILI  
WEST GODAVARI  
ANDHRA PRADESH  
534134  
PH. NO :6301860315

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**DAMISETTI DEEPIKA NAGA RATNAM**  
for successfully completing the course

**Python for Data Science**

with a consolidated score of **87** %

Online Assignments	23.25/25	Programming Exam	23.25/25	Proctored Exam	40.31/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 4426

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Aug-Sep 2019  
(4 week course)

*Prof. Andrew Thangaraj*  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS59S42310328

To validate and check scores: <https://nptel.ac.in/noc/>